



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Richard Levenson
Serial No. : 10/669,101
Filed : September 23, 2003
Title : SPECTRAL IMAGING OF DEEP TISSUE

Art Unit : 3737
Examiner : Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050, referencing Attorney Docket No. 12259-034001.

Respectfully submitted,

Date:

2/17/04

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*See attached document certifying that Marc M. Wefers has limited recognition to practice before the U.S. Patent and Trademark Office under 37 C.F.R. § 10.9(b).

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I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit

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Cheryl A. Caron

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Cheryl A. Caron

Substitute Form PTO-1449

U.S. Department of Commerce
Patent and Trademark Office

Attorney's Docket No.

12259-034001

Application No.

10/669,101

**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 C.F.R. § 1.98(b))

Applicant

Richard Levenson

Filing Date

September 23, 2003

Group Art Unit

3737

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,379,233	05/1983	Rosenthal			
	AB	4,519,707	5/23/1985	Kuffer			
	AC	4,669,878	06/1987	Meier	356	319	
	AD	4,800,279	01/1989	Hieftji et al.			
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	AY	6,690,466	02/10/2004	Miller et al.	356	326	
	AZ						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12259-034001	Application No. 10/669,101
	Applicant Richard Levenson		
	Filing Date September 23, 2003	Group Art Unit 3737	

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	BA	WO 01/11343	2/15/2001	WIPO				
	BB							
	BC							

Other Documents (include Author, Title, Date, and Place of Publication)								
Examiner Initial	Desig. ID	Document						
	BD	W.C. Sweatt et al., "ISIS; An Information-Efficient Spectral Imaging System," Imaging Spectrometry IV," Proc. SPIE, Vol.3438, pp. 98-106, San Diego, 1998.						
	BE	B.R. Stallard, Contstruction of Filter Vectors for the Information-Efficient Spectral Imaging Sensor," Imaging Spectroscopy IV, Proc. SPIE, Vol 3438, pp. 172-182, San Diego, 1998.						
	BF	L.O. Jimenez et al., "High Dimensional Feature Reduction via Projection Pursuit," TR-ECE 96-5, School of Electrical Engineering, Purdue University, West Lafayette, IN 47907-1285, April, 1995.						
	BG	Hyvarien et al., "Novel Spectroscopic Techniques for Biomedical Applications," Optoelectronics Laboratory, Finland, SPIE Vol. 2084, pp. 224-230.						
	BH	Keraanen et al., "Thirty-two Channel LED Array Spectrometer Module with Compact Optomechanical Construction," Technical Research Centre of Finland, Electronics Laboratory, Finland, SPIE Vol. 1533 Optomechanics and Dimensional Stability (1991), pp. 122-128.						
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	BJ	Shnitser et al., "Spectrally Adaptive Light Filtering," Physical Optics Corporation, Torrance, CA, SPIE Vol. 3140, pp. 117-127.						
	BK	Stallard et al., "Construction of Filter Vectors for the Information-Efficient Spectral Imaging Sensor," Sandia National Laboratories, Albuquerque, NM, SPIE Vol. 3438, pp. 172-182.						
	BL	Sweatt et al., "ISIS: An Information-Efficient Spectral Imaging System," Sandia National Laboratories, Albuquerque, NM, SPIE Vo. 3438, pp. 98-106.						
	BM	Jimenez et al., "Supervised Classification in High Dimensional Space: Geometrical, Statistical and Asymptotical Properties of Multivariate Data," IEEE Transactions on Geoscience and Remote Sensing, Vol. 37, No. 6, November 1999; Project in Pursuit in Hyperspectral Data Analysis, Jimenez & Landgrebe, November 23, 1999, pp. 1-32.						
	BN							

Examiner Signature	Date Considered
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